

90-DAY RESPONSE**DCI Number: GDCI-014504-1566****Data Call-In Information**

| | |
|--------------------------|--|
| Company Name | CHEMINOVA, INC. |
| Company Address | 1600 WILSON BLVD., SUITE 700 ARLINGTON, VA 22209 |
| DCI Type | Generic |
| Issued Date | 06/23/2016 |
| 90-Day Response Deadline | 10/01/2016 |
| CRM Information | Snyderman, Steven |
| Chemical Name | Mancozeb |
| Chemical Number | 014504 |

90-Day Response Information

| | |
|-----------------|---------------------|
| Tracking Number | CDX_DCI_2016_000435 |
|-----------------|---------------------|

EPA Product Registration Number(s)

| | |
|-----------|--|
| 67760-111 | I agree to satisfy Generic Data requirements as indicated on the attached form entitled "Requirements Status and Registrant's Response." |
|-----------|--|

Guideline Requirement Number(s)**Guideline Requirement Number - 70-A-SS**

| | |
|------------------------|--|
| Study Title | Residue Monitoring |
| Protocol | Y |
| Target Submission Date | 06/23/2019 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TEP |
| Time Frame | 36 month(s) |
| Footnote(s) | 1. Updated residue/monitoring (market basket) data are needed to support the EBDC dietary assessments, including mancozeb. 31. A study protocol must be submitted to, and reviewed by EPA, prior to study initiation. |
| Registrant Response | Offer to Cost Share |

Uploaded Documents

| File Name | File Type | MRID | CBI | Submitted Date |
|--|-------------------------|------|-----|----------------|
| 102816 Mancozeb FMC Offer to Pay Data Compensation.pdf | General Correspondences | N.A. | N | 10/28/2016 |

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|--|--|------|-----|----------------|
| 8570-32manco.pdf | Form 8570-32 Certification of Attempt to Enter into an Agreement with other Registrants for Development of Data | N.A. | N | 10/28/2016 |
| Guideline Requirement Number - 835.2120 | | | | |
| Study Title | Hydrolysis of parent and degradates as a function of pH at 25 C | | | |
| Protocol | N | | | |
| Target Submission Date | 06/23/2017 | | | |
| Use Pattern | A; K; B; C; H; I | | | |
| Test Substance | TGA I | | | |
| Time Frame | 12 month(s) | | | |
| Footnote(s) | 33. A new guideline hydrolysis study for the mancozeb parent, in which solubility is known (pre-determined by a guideline study) with concentration below this pre-determined solubility, is required. In this study, the starting residues, just after dissolution should be characterized and tracked to the end of the study. | | | |
| Registrant Response | Offer to Cost Share | | | |
| Uploaded Documents | | | | |
| File Name | File Type | MRID | CBI | Submitted Date |
| 102816 Mancozeb FMC Offer to Pay Data Compensation.pdf | General Correspondences | N.A. | N | 10/28/2016 |
| 8570-32manco.pdf | Form 8570-32 Certification of Attempt to Enter into an Agreement with other Registrants for Development of Data | N.A. | N | 10/28/2016 |
| Guideline Requirement Number - 835.4100 | | | | |
| Study Title | Aerobic soil metabolism | | | |
| Protocol | N | | | |
| Target Submission Date | 06/23/2018 | | | |
| Use Pattern | A; K; B; C; H; I | | | |
| Test Substance | DEGR | | | |
| Time Frame | 24 month(s) | | | |
| Footnote(s) | 24. Data are required for the major degradate, ETU in two different soils from known areas where the pesticide is used with varied pH, organic matter content and cation exchange capacity. | | | |
| Registrant Response | Offer to Cost Share | | | |
| Uploaded Documents | | | | |
| File Name | File Type | MRID | CBI | Submitted Date |

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|---|--|-------------|----------|-------------------|
| 102816 Mancozeb FMC Offer to Pay Data Compensation.pdf | General Correspondences | N.A. | N | 10/28/2016 |
| 8570-32manco.pdf | Form 8570-32 Certification of Attempt to Enter into an Agreement with other Registrants for Development of Data | N.A. | N | 10/28/2016 |

Guideline Requirement Number - 835.4300

| | |
|------------------------|---|
| Study Title | Aerobic aquatic metabolism |
| Protocol | N |
| Target Submission Date | 06/23/2018 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | DEGR |
| Time Frame | 24 month(s) |
| Footnote(s) | 32. A new guideline study for the major degradate, ETU, in two water/sediment systems is required. |
| Registrant Response | Offer to Cost Share |

Uploaded Documents

| File Name | File Type | MRID | CBI | Submitted Date |
|---|--|-------------|------------|-----------------------|
| 102816 Mancozeb FMC Offer to Pay Data Compensation.pdf | General Correspondences | N.A. | N | 10/28/2016 |
| 8570-32manco.pdf | Form 8570-32 Certification of Attempt to Enter into an Agreement with other Registrants for Development of Data | N.A. | N | 10/28/2016 |

Guideline Requirement Number - 835.4400

| | |
|------------------------|---|
| Study Title | Anaerobic aquatic metabolism |
| Protocol | N |
| Target Submission Date | 06/23/2018 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | Degr; TGAI |
| Time Frame | 24 month(s) |
| Footnote(s) | 28. Data are required for mancozeb parent and the major degradate, ETU, in two water/sediment systems. |
| Registrant Response | Offer to Cost Share |

Uploaded Documents

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Guideline Requirement Number - 850.2100

| | |
|------------------------|---|
| Study Title | Avian acute oral toxicity test |
| Protocol | N |
| Target Submission Date | 06/23/2017 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TGAI |
| Time Frame | 12 month(s) |
| Footnote(s) | 10. Protocols for passerine studies, no longer need to be submitted for Agency review so long as the registrant and conducting lab adhere to this publicly available guidance: http://www.epa.gov/pesticide-science-and-assessing-pesticide-risks/guidance-reviewing-ocspp-8502100-avian-oral-toxicity 29. Data are required for a passerine species and upland game or waterfowl species. |
| Registrant Response | Offer to Cost Share |

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| 102816 Mancozeb FMC Offer to Pay Data Compensation.pdf | General Correspondences | N.A. | N | 10/28/2016 |

Guideline Requirement Number - 850.2200

| | |
|------------------------|---|
| Study Title | Avian dietary toxicity test |
| Protocol | N |
| Target Submission Date | 06/23/2017 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TGAI |
| Time Frame | 12 month(s) |
| Footnote(s) | 3. Two sub-acute dietary toxicity studies are required, one with an upland game bird species (northern bobwhite quail) and one with a waterfowl species (mallard duck). |
| Registrant Response | Offer to Cost Share |

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Guideline Requirement Number - 850.3040

| | |
|------------------------|--|
| Study Title | Field testing for pollinators |
| Protocol | Y |
| Target Submission Date | 06/23/2018 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TEP |
| Time Frame | 24 month(s) |
| Footnote(s) | <p>2. USEPA. 2012c. "Field Testing for Pollinators." Ecological Effects Test Guidelines OCSPP 850.3040. EPA 712-C-017. Web. http://www.regulations.gov/#documentDetail;D=EPA-HQ-OPPT-2009-0154-0018</p> <p>5. The need for a field test for pollinators will be determined based upon lower-tiered tests and/or other lines of data and the need for a refined pollinator risk assessment.</p> <p>7. See information and guidance identified in the EPA documents, (i) USEPA. 2012. "White Paper in Support of the Proposed Risk Assessment Process for Bees. Submitted to the FIFRA Scientific Advisory Panel for Review and Comment September 11 - 14, 2012. Office of Chemical Safety and Pollution Prevention Office of Pesticide Programs Environmental Fate and Effects Division, Environmental Protection Agency, Washington DC; Environmental Assessment Directorate, Pest Management Regulatory Agency, Health Canada, Ottawa, CN; California Department of Pesticide Regulation http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OPP-2012-0543-0004; (ii) 2014 Guidance for Assessing Pesticide Risks to Bees. Office of Pesticide Programs United States Environmental Protection Agency, Health Canada Pest Management Regulatory Agency, California Department of Pesticide Regulation. June 19, 2014. http://www2.epa.gov/sites/production/files/2014-06/documents/pollinator_risk_assessment_guidance_06_19_14.pdf.</p> <p>31. A study protocol must be submitted to, and reviewed by EPA, prior to study initiation.</p> |
| Registrant Response | Offer to Cost Share |

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Guideline Requirement Number - 850.4100

| | |
|-------------|--|
| Study Title | Seedling Emergence and Seedling Growth |
| Protocol | N |

| | |
|------------------------|--|
| Target Submission Date | 06/23/2017 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TEP |
| Time Frame | 12 month(s) |
| Footnote(s) | 21. Data is required with a mancozeb typical end-use product at the highest maximum single application rate. |
| Registrant Response | Offer to Cost Share |

Uploaded Documents

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Guideline Requirement Number - 850.4150

| | |
|------------------------|--|
| Study Title | Vegetative Vigor |
| Protocol | N |
| Target Submission Date | 06/23/2017 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TEP |
| Time Frame | 12 month(s) |
| Footnote(s) | 21. Data is required with a mancozeb typical end-use product at the highest maximum single application rate. |
| Registrant Response | Offer to Cost Share |

Uploaded Documents

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| 102816 Mancozeb FMC Offer to Pay Data Compensation.pdf | General Correspondences | N.A. | N | 10/28/2016 |
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Guideline Requirement Number - 850.4400

| | |
|-------------|--|
| Study Title | Aquatic Plant Toxicity Using Lemna spp |
| Protocol | N |

| | |
|------------------------|--|
| Target Submission Date | 06/23/2017 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TGAI |
| Time Frame | 12 month(s) |
| Footnote(s) | 19. Data required with the vascular aquatic plant Lemna gibba. |
| Registrant Response | Offer to Cost Share |

Uploaded Documents

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Guideline Requirement Number - 850.4500

| | |
|------------------------|--|
| Study Title | Algal Toxicity |
| Protocol | N |
| Target Submission Date | 06/23/2017 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TGAI |
| Time Frame | 12 month(s) |
| Footnote(s) | 20. Data required with both freshwater and marine diatoms. |
| Registrant Response | Offer to Cost Share |

Uploaded Documents

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| 102816 Mancozeb FMC Offer to Pay Data Compensation.pdf | General Correspondences | N.A. | N | 10/28/2016 |
| 8570-32manco.pdf | Form 8570-32 Certification of Attempt to Enter into an Agreement with other Registrants for Development of Data | N.A. | N | 10/28/2016 |

Guideline Requirement Number - 850.4550

| | |
|------------------------|--|
| Study Title | Cyanobacteria (Anabaena flos-aquae) Toxicity |
| Protocol | N |
| Target Submission Date | 06/23/2017 |

| | | | | |
|--|--|------|-----|----------------|
| Use Pattern | A; K; B; C; H; I | | | |
| Test Substance | TGA I | | | |
| Time Frame | 12 month(s) | | | |
| Footnote(s) | 22. Data is required with Anabaena flos-aquae. | | | |
| Registrant Response | Offer to Cost Share | | | |
| Uploaded Documents | | | | |
| File Name | File Type | MRID | CBI | Submitted Date |
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| 8570-32manco.pdf | Form 8570-32 Certification of Attempt to Enter into an Agreement with other Registrants for Development of Data | N.A. | N | 10/28/2016 |
| Guideline Requirement Number - 850.6100 | | | | |
| Study Title | Environmental Chemistry Methods and Associated Independent Laboratory Validation | | | |
| Protocol | N | | | |
| Target Submission Date | 06/23/2017 | | | |
| Use Pattern | A; K; B; C; H; I | | | |
| Test Substance | Degr; TGA I | | | |
| Time Frame | 12 month(s) | | | |
| Footnote(s) | <p>11. On June 27, 2012, EPA announced certain revisions in harmonized guideline series 850 - Ecological Effects Tests - including renumbering and other designations or changes for some guideline studies. See "Final Test Guidelines; OCSP 850 Series; Notice of Availability" 77 FR 38282, June 27, 2012. http://www.regulations.gov/#!documentDetail;D=EPA-HQ-OPPT-2009-0154-0028</p> <p>26. Data are required for mancozeb parent, and the major degradate, ETU, in soil.</p> <p>27. Data are required for mancozeb parent in water.</p> | | | |
| Registrant Response | Offer to Cost Share | | | |
| Uploaded Documents | | | | |
| File Name | File Type | MRID | CBI | Submitted Date |
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| 8570-32manco.pdf | Form 8570-32 Certification of Attempt to Enter into an Agreement with other Registrants for Development of Data | N.A. | N | 10/28/2016 |
| Guideline Requirement Number - 860.1480 | | | | |
| Study Title | Meat/milk/poultry/eggs | | | |

| | |
|------------------------|---|
| Protocol | N |
| Target Submission Date | 06/23/2018 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TGAI |
| Time Frame | 24 month(s) |
| Footnote(s) | 8. Ruminant feeding study is required to determine residues of mancozeb parent and the ETU metabolite in meat and milk. |
| Registrant Response | Offer to Cost Share |

Uploaded Documents

| File Name | File Type | MRID | CBI | Submitted Date |
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| 102816 Mancozeb FMC Offer to Pay Data Compensation.pdf | General Correspondences | N.A. | N | 10/28/2016 |
| 8570-32manco.pdf | Form 8570-32 Certification of Attempt to Enter into an Agreement with other Registrants for Development of Data | N.A. | N | 10/28/2016 |

Guideline Requirement Number - 860.1500

| | |
|------------------------|--|
| Study Title | Crop field trials (SAFFLOWER, SEED) |
| Protocol | N |
| Target Submission Date | 06/23/2018 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TEP |
| Time Frame | 24 month(s) |
| Footnote(s) | 25. Data are required for safflower seed or propagation stock treatment depicting residues of parent mancozeb and the major degradate ETU in/on safflower seed grown from seed treated with a representative product at 0.11 lb ai/100 lb of seed. |
| Registrant Response | Offer to Cost Share |

Uploaded Documents

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| 102816 Mancozeb FMC Offer to Pay Data Compensation.pdf | General Correspondences | N.A. | N | 10/28/2016 |
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Guideline Requirement Number - 860.1500

| | |
|-------------|-----------------------------|
| Study Title | Crop field trials (TOBACCO) |
|-------------|-----------------------------|

| | |
|------------------------|--|
| Protocol | N |
| Target Submission Date | 06/23/2018 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TEP |
| Time Frame | 24 month(s) |
| Footnote(s) | 9. Residue analysis must include both parent mancozeb and the major degradate ETU. 23. Data are required for tobacco. |
| Registrant Response | Offer to Cost Share |

Uploaded Documents

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Guideline Requirement Number - 860.1520

| | |
|------------------------|--|
| Study Title | Processed food/feed (POTATO) |
| Protocol | N |
| Target Submission Date | 06/23/2018 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TEP |
| Time Frame | 24 month(s) |
| Footnote(s) | 9. Residue analysis must include both parent mancozeb and the major degradate ETU. |
| Registrant Response | Offer to Cost Share |

Uploaded Documents

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| 102816 Mancozeb FMC Offer to Pay Data Compensation.pdf | General Correspondences | N.A. | N | 10/28/2016 |
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Guideline Requirement Number - 860.1520

| | |
|------------------------|--|
| Study Title | Processed food/feed (WHEAT, MIDLINGS) |
| Protocol | N |
| Target Submission Date | 06/23/2018 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TEP |
| Time Frame | 24 month(s) |
| Footnote(s) | 9. Residue analysis must include both parent mancozeb and the major degradate ETU. |
| Registrant Response | Offer to Cost Share |

Uploaded Documents

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Guideline Requirement Number - 860.1520

| | |
|------------------------|--|
| Study Title | Processed food/feed (WHEAT, GRAIN) |
| Protocol | N |
| Target Submission Date | 06/23/2018 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TEP |
| Time Frame | 24 month(s) |
| Footnote(s) | 9. Residue analysis must include both parent mancozeb and the major degradate ETU. |
| Registrant Response | Offer to Cost Share |

Uploaded Documents

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Guideline Requirement Number - 860.1520

| | |
|-------------|-----------------------------------|
| Study Title | Processed food/feed (WHEAT, GERM) |
|-------------|-----------------------------------|

| | |
|------------------------|--|
| Protocol | N |
| Target Submission Date | 06/23/2018 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TEP |
| Time Frame | 24 month(s) |
| Footnote(s) | 9. Residue analysis must include both parent mancozeb and the major degradate ETU. |
| Registrant Response | Offer to Cost Share |

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Guideline Requirement Number - 860.1520

| | |
|------------------------|--|
| Study Title | Processed food/feed (BARLEY, PEARLED BARLEY) |
| Protocol | N |
| Target Submission Date | 06/23/2018 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TEP |
| Time Frame | 24 month(s) |
| Footnote(s) | 9. Residue analysis must include both parent mancozeb and the major degradate ETU. |
| Registrant Response | Offer to Cost Share |

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Guideline Requirement Number - 860.1520

| | |
|-------------|---|
| Study Title | Processed food/feed (OAT, GROATS/ROLLED OATS) |
| Protocol | N |

| | |
|------------------------|--|
| Target Submission Date | 06/23/2018 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TEP |
| Time Frame | 24 month(s) |
| Footnote(s) | 9. Residue analysis must include both parent mancozeb and the major degradate ETU. |
| Registrant Response | Offer to Cost Share |

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Guideline Requirement Number - 860.1850

| | |
|------------------------|---|
| Study Title | Confined accumulation in rotational crops |
| Protocol | N |
| Target Submission Date | 06/23/2018 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TEP |
| Time Frame | 24 month(s) |
| Footnote(s) | |
| Registrant Response | Offer to Cost Share |

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Guideline Requirement Number - SS-1311

| | |
|------------------------|-------------------------------------|
| Study Title | Honey bee adult acute oral toxicity |
| Protocol | N |
| Target Submission Date | 06/23/2017 |

| | |
|---------------------|--|
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TGAI |
| Time Frame | 12 month(s) |
| Footnote(s) | 6. See the OECD 213: OECD Guidelines for the Testing of Chemicals. Honeybees, Acute Oral Toxicity Test. 213. http://lysander.sourceoecd.org/vl=5988235/cl=12/nw=1/rpsv/cgibin/fulltextew.pl?prpsv=/ij/oecdjournals/1607310x/v1n2/s14/p1.idx |
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Guideline Requirement Number - SS-1313

| | |
|------------------------|--|
| Study Title | Honey bee adult chronic oral toxicity |
| Protocol | Y |
| Target Submission Date | 06/23/2017 |
| Use Pattern | A; K; B; C; H; I |
| Test Substance | TGAI |
| Time Frame | 12 month(s) |
| Footnote(s) | 12. OECD has not yet finalized test guidelines for chronic studies, and efforts are underway to develop standardized guidelines for assessing the effects from chronic exposure to adult and larvae in the laboratory. Discussion of the study design elements for the 10-day adult toxicity test can be found in Appendix O of the European Food Safety Authority (EFSA) guidance document: EFSA. Guidance on the risk assessment of plant protection products on bees (<i>Apis mellifera</i> , <i>Bombus</i> spp. and solitary bees. EFSA Journal 2013;11(7):3295, 266 pp. doi:10.2903/j.efsa.2013.3295. Available online at: http://www.efsa.europa.eu/en/efsajournal/doc/3295.pdf 31. A study protocol must be submitted to, and reviewed by EPA, prior to study initiation. |
| Registrant Response | Offer to Cost Share |

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| 102816 Mancozeb FMC Offer to Pay Data Compensation.pdf | General Correspondences | N.A. | N | 10/28/2016 |
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| Guideline Requirement Number - SS-1315 | | | | |
|--|--|------|-----|----------------|
| Study Title | Semi-field testing for pollinators | | | |
| Protocol | Y | | | |
| Target Submission Date | 06/23/2018 | | | |
| Use Pattern | A; K; B; C; H; I | | | |
| Test Substance | TEP; TGAI | | | |
| Time Frame | 24 month(s) | | | |
| Footnote(s) | <p>4. The need for a semi-field test for pollinators (i.e., either a field-feeding test or a tunnel test) will be determined based upon lower-tiered tests and/or other lines of evidence, and the need for a refined pollinator risk assessment.</p> <p>17. Formal guidelines for semi-field tests do not yet exist; however, information that can help guide the development of either a semi-field tunnel test protocol can be found at OECD 75, see: OECD. 2007. Series on Testing and Assessment Number 75. Guidance document on the honey bee (<i>Apis mellifera</i> L.) brood test under semi-field conditions. Environmental Directorate Joint Meeting of the Chemicals Committee and the Working Party on Chemicals, Pesticides and Biotechnology. ENV/JM/MONO(2007)22. 31-Aug-2007. http://www.oecd.org/officialdocuments/publicdisplaydocumentpdf/?cote=env/jm/mono(2007)22&doclanguage=en.</p> <p>18. For field-feeding studies see: Oomen et al. 1992: Oomen, P. A. A. DeRuijter and J. Van der Steen. 1992. Method for honey bee brood feeding tests with insect growth-regulating insecticides. Bul OEPP/EPPO Bulletin 22: 613 - 616.</p> <p>31. A study protocol must be submitted to, and reviewed by EPA, prior to study initiation.</p> | | | |
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| 102816 Mancozeb FMC Offer to Pay Data Compensation.pdf | General Correspondences | N.A. | N | 10/28/2016 |
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| Guideline Requirement Number - SS-1316 | | | | |
| Study Title | Field trial of residues in pollen and nectar | | | |
| Protocol | Y | | | |
| Target Submission Date | 06/23/2018 | | | |
| Use Pattern | A; K; B; C; H; I | | | |
| Test Substance | TEP | | | |
| Time Frame | 24 month(s) | | | |
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|--|---|------|-----|----------------|
| Footnote(s) | <p>15. Measurements of residues in the pollen/nectar are needed based upon lower tiered tests and/or other lines of evidence, and the need for a refined pollinator risk assessment.</p> <p>30. A study protocol must be submitted to, and reviewed by EPA, prior to study initiation. The following elements should be considered when developing study protocol(s) for the monitoring of residues in pollen/nectar. - Consideration of the range of application methods and environmental conditions (e.g., soil and hydric regimes) that the target crop(s) may be under. - Consideration of the attractiveness of the selected crop to pollinators - Consideration of a collection schedule sufficient to allow for an understanding of the character of residues, in the pollen/nectar and/or plant tissues, over time. - Consideration of data sufficient to determine whether residues of the active ingredient and/or degradation product(s) accumulates in soil and is/are bioavailable for plant to uptake in a following planting, and therefore result in potential exposure to pollinators. - Consideration of the market proportion of the selected target crop(s).</p> | | | |
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| Guideline Requirement Number - SS-1317 | | | | |
| Study Title | Honey bee larval acute oral toxicity | | | |
| Protocol | Y | | | |
| Target Submission Date | 06/23/2017 | | | |
| Use Pattern | A; K; B; C; H; I | | | |
| Test Substance | TGAI | | | |
| Time Frame | 12 month(s) | | | |
| Footnote(s) | <p>14. OECD Test Guideline 237 may be used to develop a protocol for this study (OECD. 2013 Guidelines for Testing Chemicals. Honey bee (Apis mellifera) larval toxicity test, single exposure.) See: http://www.oecd-ilibrary.org/environment/test-no-237-honey-bee-apis-mellifera-larval-toxicity-test-single-exposure_9789264203723-en</p> <p>16. In some cases, information pertaining to acute toxicity to honey bee larvae may be obtained with the chronic honey bee larvae test thereby negating the need for separate acute and chronic larval toxicity tests.</p> <p>31. A study protocol must be submitted to, and reviewed by EPA, prior to study initiation.</p> | | | |
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| Guideline Requirement Number - SS-1318 | | | | |
| Study Title | Honey bee larval chronic oral toxicity | | | |
| Protocol | Y | | | |
| Target Submission Date | 06/23/2017 | | | |
| Use Pattern | A; K; B; C; H; I | | | |
| Test Substance | TGA1 | | | |
| Time Frame | 12 month(s) | | | |
| Footnote(s) | <p>13. OECD has not yet finalized test guidelines for chronic studies with honey bee larvae. OECD draft guidance has is being developed, see OECD 2013b. OECD Draft Guidance Document Honey Bee (Apis mellifera) Larval Toxicity Test, Repeated Exposure. http://www.oecd.org/env/ehs/testing/Draft_GD_honeybees_rep_exp_for_2nd_CR_25_November_2013.pdf</p> <p>16. In some cases, information pertaining to acute toxicity to honey bee larvae may be obtained with the chronic honey bee larvae test thereby negating the need for separate acute and chronic larval toxicity tests.</p> <p>31. A study protocol must be submitted to, and reviewed by EPA, prior to study initiation.</p> | | | |
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| Submitted Date | 10/28/2016 | | | |
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